

$R^8, R^9$  are  $C_1-C_4$ -alkyl;

$R^{10}$  is hydrogen or  $C_1-C_4$ -alkyl;

where the number of the carbon atoms of the radicals  $R^8$ ,  $R^9$  and  $R^{10}$  together is at most 7,

$R^{11}$  is hydrogen or  $C_1-C_4$ -alkyl;

and its agriculturally useful salts.

2. A 3-(heterocyclyl)-substituted benzoylpyrazole of the formula I as claimed in claim 1 where

$X$  is O;

$R^1$  is  $C_1-C_4$ -alkyl;

$R^6$  is  $C_1-C_4$ -alkylthio or  $C_1-C_4$ -alkylsulfonyl.

3. A 3-(heterocyclyl)-substituted benzoylpyrazole of the formula I as claimed in claim 1 where

$X$  is O;

$R^1$  is  $C_1-C_4$ -alkyl;

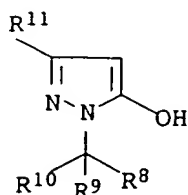
$R^6$  is halogen, nitro,  $C_1-C_4$ -haloalkyl,  $C_1-C_4$ -alkoxy or  $C_1-C_4$ -haloalkoxy.

4. A 3-(heterocyclyl)-substituted benzoylpyrazole of the formula I as claimed in claim 1 where

$X$  is  $N(C_1-C_6\text{-alkyl})$ .

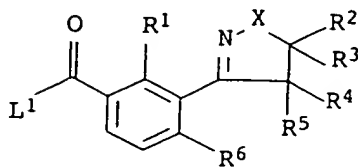
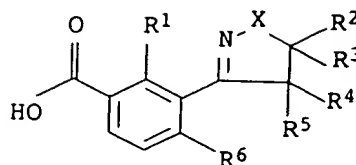
5. A process for preparing 3-(heterocyclyl)-substituted benzoylpyrazoles of the formula I where  $R^7$  = hydroxyl as claimed in claim 1, which comprises acylating a

pyrazole of the formula II



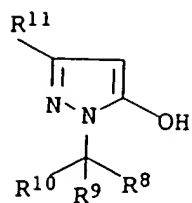
II

with an activated benzoic acid III $\alpha$  or a benzoic acid III $\beta$ ,

III $\alpha$ III $\beta$ 

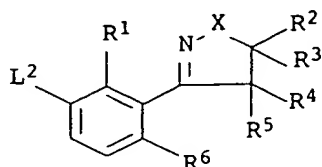
where the variables X, R<sup>1</sup> to R<sup>6</sup> and R<sup>8</sup> to R<sup>11</sup> are as defined in claim 1 and L<sup>1</sup> is a nucleophilically replaceable leaving group and rearranging the acylation product, in the presence or absence of a catalyst, to give the compounds of the formula I where R<sup>7</sup> = hydroxyl.

6. A process for preparing 3-(heterocyclyl)-substituted benzoylpyrazoles of the formula I where R<sup>7</sup> = OH as claimed in claim 1, which comprises reacting a pyrazole of the formula II



II

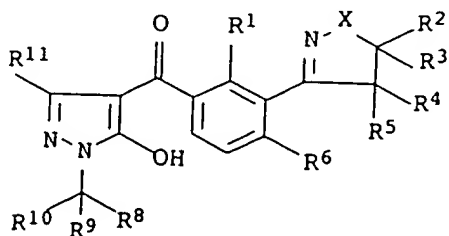
in which the variables  $R^8$  to  $R^{11}$  are as defined in claim 1, or an alkali metal salt thereof, with a 3-(heterocyclyl)benzene derivative of the formula V



V

where the variables X and  $R^1$  to  $R^6$  are as defined in claim 1 and  $L^2$  is a leaving group in the presence of carbon monoxide, a catalyst and a base.

7. A process for preparing 3-(heterocyclyl)-substituted benzoylpyrazoles of the formula I where  $R^7 \neq$  hydroxyl as claimed in claim 1, which comprises reacting a 3-(heterocyclyl)-substituted benzoylpyrazole I where  $R^7 =$  hydroxyl

I where  $R^7 = OH$

with a compound of the formula VI



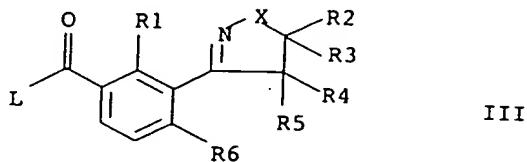
where

$L^3$  is a nucleophilically replaceable leaving group;

$R^{7a}$  is  $C_1-C_6$ -alkyl,  $C_3-C_6$ -alkenyl,  $C_1-C_6$ -alkylsulfonyl,  $C_1-C_6$ -alkylcarbonyl,  $C_1-C_4$ -(alkylthio)carbonyloxy, phenylsulfonyl or phenylcarbonyl, where the phenyl radical of the two last-mentioned substituents may be partially or fully halogenated and/or may carry one to three of the following groups:

nitro, cyano,  $C_1-C_4$ -alkyl,  $C_1-C_4$ -haloalkyl,  $C_1-C_4$ -alkoxy or  $C_1-C_4$ -haloalkoxy.

8. A benzoic acid ester of the formula III

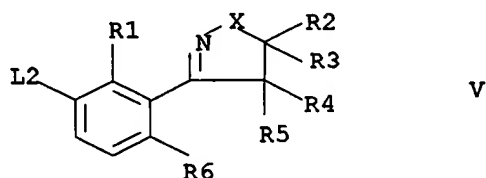


where the variables X,  $R^1$  and  $R^3$  to  $R^6$  are as defined in claim 1 and

$R^2$  is  $C_1$ - $C_4$ -haloalkyl; and

L is hydroxyl or a radical that can be removed by hydrolysis.

9. A 3-(heterocyclyl)benzene derivative of the formula V



where the variables X,  $R^1$  and  $R^3$  to  $R^6$  are as defined in claim 1 and

$R^2$  is  $C_1$ - $C_4$ -haloalkyl; and

$L^2$  is a nucleophilically displaceable leaving group.

10. A composition, comprising a herbicidally effective amount of at least one 3-(heterocyclyl)-substituted benzoylpyrazole of the formula I or an agriculturally useful salt of I as claimed in claim 1 and auxiliaries which are customarily used for formulating crop protection agents.

Claim 11 has been canceled.

12. A method for controlling undesirable vegetation, characterized in that a herbicidally effective amount of at least one 3-(heterocyclyl)-substituted benzoylpyrazole of the formula I or an agriculturally useful salt of I as claimed in

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claim 1 is allowed to act on the plants, their habitat and/or on seed.

Claim 13 has been canceled.

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